

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) A method of operating chromatography column apparatus; the apparatus comprising a column tube having first and second ends, and first and second discrete end cell structures which are associated with the respective ends of the column tube and positionable to close off the column tube and thereby define therein a column space for retaining chromatography medium, in use of the apparatus; at least the first end cell structure comprising a piston portion fitting slidably in the column tube;

the operating method ~~being characterised by comprising~~ separating the second end of the column tube and the second end cell structure to provide an access spacing between them, advancing the piston portion of the first end cell structure through the column tube to expose it at the open second end of the column tube, and carrying out maintenance of the piston portion thus exposed.

2. (Currently Amended) ~~A~~The method according to claim 1 in which the column tube is axially vertical with said first and second ends at the top and bottom respectively.
3. (Currently Amended) ~~A~~The method according to claim 1 ~~or 2~~, comprising using a powered drive, mounted on or adjacent the second end structure, to separate the column tube and the second end cell structure to provide said access spacing.
4. (Currently Amended) ~~A~~The method according to claim 1, ~~2 or 3 in which comprising using a powered drive is used to move said piston portion relatively forwardly through the column tube to be exposed at the second end thereof as aforesaid.~~
5. (Currently Amended) ~~A~~The method according to claim 3 ~~and claim 4 in which comprising operating the same powered drive is operated to separate the column tube and second end cell structure, and to move the piston portion through the column tube.~~
6. (Currently Amended) ~~A~~The method according to ~~any one of claims 3 to 5 in which the powered drive is claim 3, comprising hydraulically actuated actuating the powered drive.~~

7. (Currently Amended) ~~A~~The method according to ~~any one of the preceding claims in which claim 1, wherein the piston portion is supported from behind by an insertable support structure that reaches in from the first end of the column tube, with sufficient axial reach for~~

the front of the piston portion to reach ~~and preferably to project~~ beyond the second end of the column tube for said maintenance.

8. (Currently Amended) ~~A~~The method according to claim 7 ~~in which, comprising operating~~ a powered drive ~~advances and advancing~~ the piston portion to said exposed position by means of a drive connection via said insertable support structure.

9. (Currently Amended) ~~A~~The method according to claim 8 ~~in which-~~wherein the powered drive comprises plural hydraulically-actuated drive rods extending axially up the outside of the column tube, said drive rods being circumferentially spaced from one another, driven by cylinders mounted at or adjacent ~~(preferably below)~~ the second end cell structure, and connected to the insertable support structure by a radial connecting structure ~~such as an adjustable flange~~ which crosses radially above the edge of the column tube at the first end thereof.

10. (Currently Amended) ~~Chromatography column apparatus operable in a method as described in any one of claims 1 to 9, comprising said column tube and first and second end cell structures, and in which-~~A chromatography column apparatus comprising:

a column tube having first and second ends, and first and second discrete end cell structures which are associated with the respective ends of the column tube and positionable to close off the column tube and thereby define therein a column space for retaining chromatography medium, in use of the apparatus; at least the first end cell structure comprising a piston portion fitting slidably in the column tube; wherein the first end cell structure has an insertable support structure which supports the piston portion from behind, connects beyond the first end of the column tube to a drive means for controllably moving the column tube and piston portion axially relative to one another, and has sufficient axial reach for the piston portion to be exposed at the open second end of the column tube as aforesaid while still supported by the insertable support structure.

11. (Currently Amended) ~~Chromatography~~ The chromatography column apparatus according to claim 10 ~~in which,~~ wherein the drive means comprises one or more hydraulic cylinders and one or more respective axially-extending drive rods.

12. (New) The method according to claim 7, wherein the insertable support structure has sufficient axial reach for the front of the piston portion to project beyond the second end of the column tube for said maintenance.

13. (New) The method according to claim 9 wherein said drive rods are driven by cylinders mounted below the second end cell structure.